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Ref: Sampling and lab analysis on # 6 Fuel Oil from Shore Tank # 15 after discharge  
of the Barge B-105 at Sprague Rensselaer, NY on April 16, 2005.

File Number : 40462

Sample Number: 40462-15

Ref #: V-05-00667

**CERTIFICATE OF ANALYSIS**  
**SHORE TANK # 15**

TEST	METHOD	UNITS	RESULT
API Gravity	D-287	° API @ 60 °F	12.4
Viscosity	D-445	cSt @ 122 ° F	388.8
		SFS @ 122 F	183.5
Sulfur	D-4294	Weight %	1.37
Pour Point	D-97	° F	37
Flash Point	D-93	° F	196
Water by Distillation	D-95	Volume %	0.20
Ash	D482	Weight %	0.039
Vanadium	D-5863	PPM	67
Sodium	D-5863	PPM	18
Nitrogen	D-5762	Weight %	0.34
Asphaltenes	IP-143	Weight %	5.8
Heating Value	D-240	BTU / Gal	151,646

SPRAGUE PROVIDES THE ATTACHED INSPECTION REPORT/ANALYSIS  
REPRESENTING THE SPECIFICATIONS OF THE PRODUCT AT THE SPRAGUE  
TERMINAL IN TANK ON THE DATE OF INSPECTION NOTED ON THE CERTIFICATE.  
THIS ANALYSIS IS PROVIDED TO THE CUSTOMER FOR THE PURPOSE OF  
ESTABLISHING THE INDEPENDENTLY VERIFIED PRODUCT SPECIFICATION ON  
A COMPOSITE BASIS IN SPRAGUE'S TERMINAL SHORE TANK AS NOTED ON THE  
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